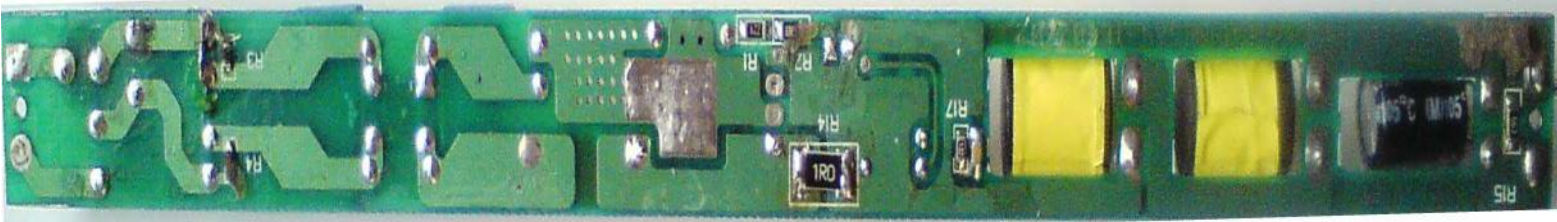


SM 18 WATT LED TUBE LIGHT BOARD (V1.0)

TOP VIEW



BOTTOM VIEW



REVISION HISTORY

Name	Date	Reason for changes	Version
RENESAS 18 WATT LED TUBE LIGHT DRIVER	20/04/2012	First version released	1.0

INTRODUCTION

R2A20134 is a controller IC for LED Lighting, it has 2 operation modes Critical Conduction mode (CCM) and fixed switching frequency mode, User can choose one suitable mode for their application, at CCM, this IC can control led current precisely, And current power factor and achieve the high efficiency by Zero current switching, At fixes switching frequency mode, user can reduce the external components dramatically At peak current control mode applying fixed switching frequency mode realize the minimum of external components, Smallest package and less BOM cost, and also this allows the isolated fly-back operation,

❖ SPECIFICATIONS

- Universal input voltage, 80 VAC to 280 VAC
- Open voltage protection
- Constant current & Constant voltage
- Short circuit protection
- Power factor >0.9
- Efficiency > 81%
- Size W*D*H = 17mm*220mm*11mm

❖ APPLICATION

- LED-TUBE LIGHT 1-4FEET
- T8 Frame